

## Antec NX410

# Antec NX410 ATX Mid-Tower Case Instruction Manual

Model: NX410 | Brand: Antec

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## 1. INTRODUCTION

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This manual provides detailed instructions for the assembly, operation, and maintenance of your Antec NX410 ATX Mid-Tower Case. Please read this manual thoroughly before beginning installation to ensure proper setup and to maximize the performance and longevity of your system.



Figure 1.1: Antec NX410 ATX Mid-Tower Case (Black)

## 2. KEY FEATURES

- **Advanced Cooling:** Pre-installed with 2 x 140mm ARGB fans in the front and 1 x 120mm ARGB fan in the rear for efficient airflow.
- **Tempered Glass Side Panel:** A full-side view tempered glass panel allows for showcasing internal components and RGB lighting.
- **Optimized Airflow:** Features a grid front panel design to enhance air intake and maintain optimal temperatures.
- **Motherboard Support:** Compatible with ATX, Micro-ATX, and ITX motherboard form factors.
- **Ample Expansion:** Supports various storage configurations and large graphics cards (up to 335mm) and CPU coolers (up to 168mm).

## 3. SETUP AND INSTALLATION

### 3.1 Preparing the Case

Before installing components, ensure the case is placed on a stable, flat surface. The tempered glass side panel can be easily opened via a magnetic latch for access to the interior.



Figure 3.1: Internal Component Layout and Compatibility

### 3.2 Motherboard Installation

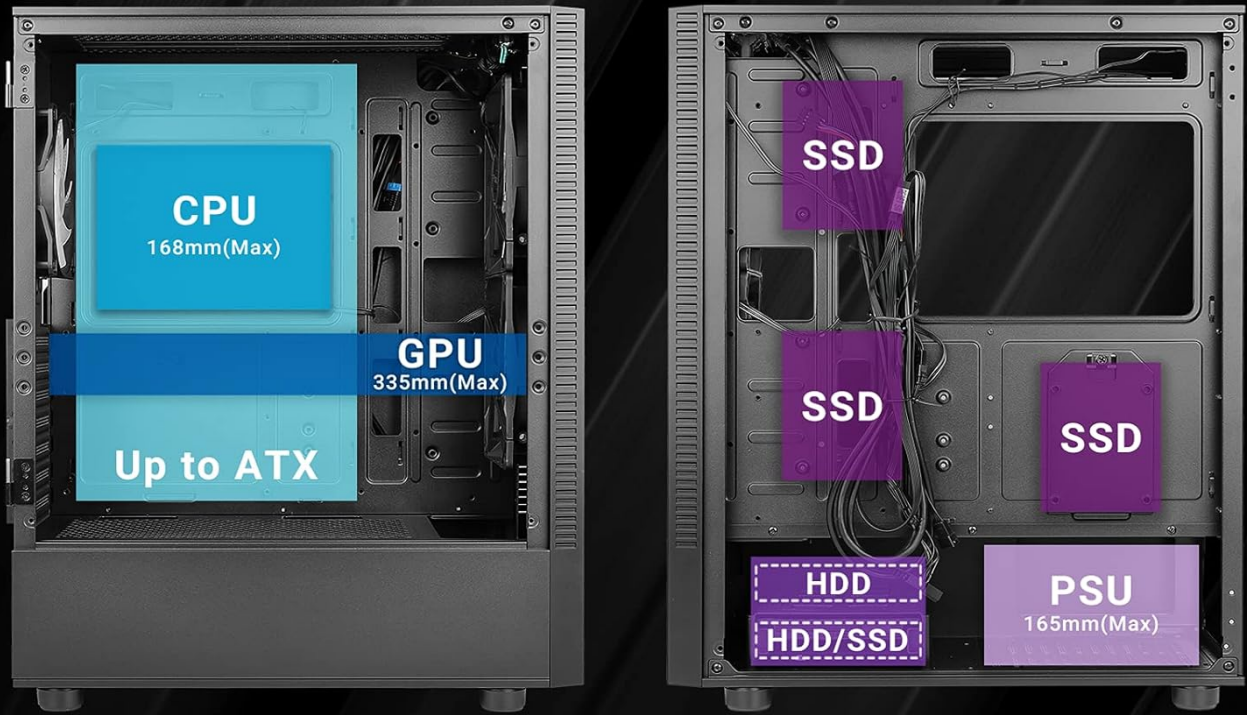
The NX410 supports ATX, Micro-ATX, and ITX motherboards. Install standoffs as required by your motherboard's form factor before mounting the motherboard.

### 3.3 Fan and Radiator Support

The case comes with pre-installed ARGB fans. Additional fans or radiators can be installed as follows:

- **Front:** Up to 3 x 120mm or 3 x 140mm fans (up to 360mm radiator).
- **Top:** Up to 2 x 120mm or 2 x 140mm fans (up to 280mm radiator).
- **Rear:** 1 x 120mm fan (up to 120mm radiator).

# READY FOR PERFORMANCE



● Motherboard Support	Up to ATX	● 3.5" HDD/ 2.5" SSD (Convertible)	2/1
● Max CPU Cooler Height	168 mm	● 2.5" SSD	3
● Max GPU Length	335 mm	● Max PSU Length	165 mm

Figure 3.2: Fan and Radiator Configuration

**Important Fan Connection Note:**



Figure 3.3: Fan Installation Warning

- If you connect the major fan and other fans but do not connect the major fan to the motherboard, other fans will not function.

- The fan kit does not work in sync with the motherboard ARGB function unless properly connected.

### **3.4 Storage Drive Installation**

The case provides bays for 3.5-inch HDDs and 2.5-inch SSDs. Refer to the internal layout diagram (Figure 3.1) for specific mounting locations.

### **3.5 Power Supply Unit (PSU) Installation**

The PSU mounts at the rear bottom of the case. Ensure the PSU length does not exceed 165mm for optimal fit and cable management.

## **4. OPERATING THE CASE FEATURES**

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### **4.1 Front Panel I/O Ports**

The top front panel provides convenient access to essential ports and controls:

- Power Button
- LED Control Button
- USB 3.0 x 1
- USB 2.0 x 2
- HD-AUDIO (Headphone and Microphone jacks)



# CREATE FOR VALUE & FUNCTION

The NX410 Black mid-tower gaming case effortlessly combines a bevy of in-demand features:

USB 3.0 connectivity, ample storage drive bays, room for expansion, and includes one ARGB LED fans in both front and rear.

With support for up to a 360 mm liquid cooling radiator in front and 280mm on top, NX410 Black is easy to build with and easy to cool.

Figure 4.1: Front Panel I/O Ports

## 4.2 ARGB Lighting Control

Use the dedicated LED Control Button on the front panel to cycle through various ARGB lighting effects and colors for the pre-installed fans. This allows for customization of your system's aesthetic.

# SUPPORTS UP TO 6 FANS

Included Fan(s) : 2 X 140 mm ARGB fan in front & 1 X 120 mm ARGB fan in rear.

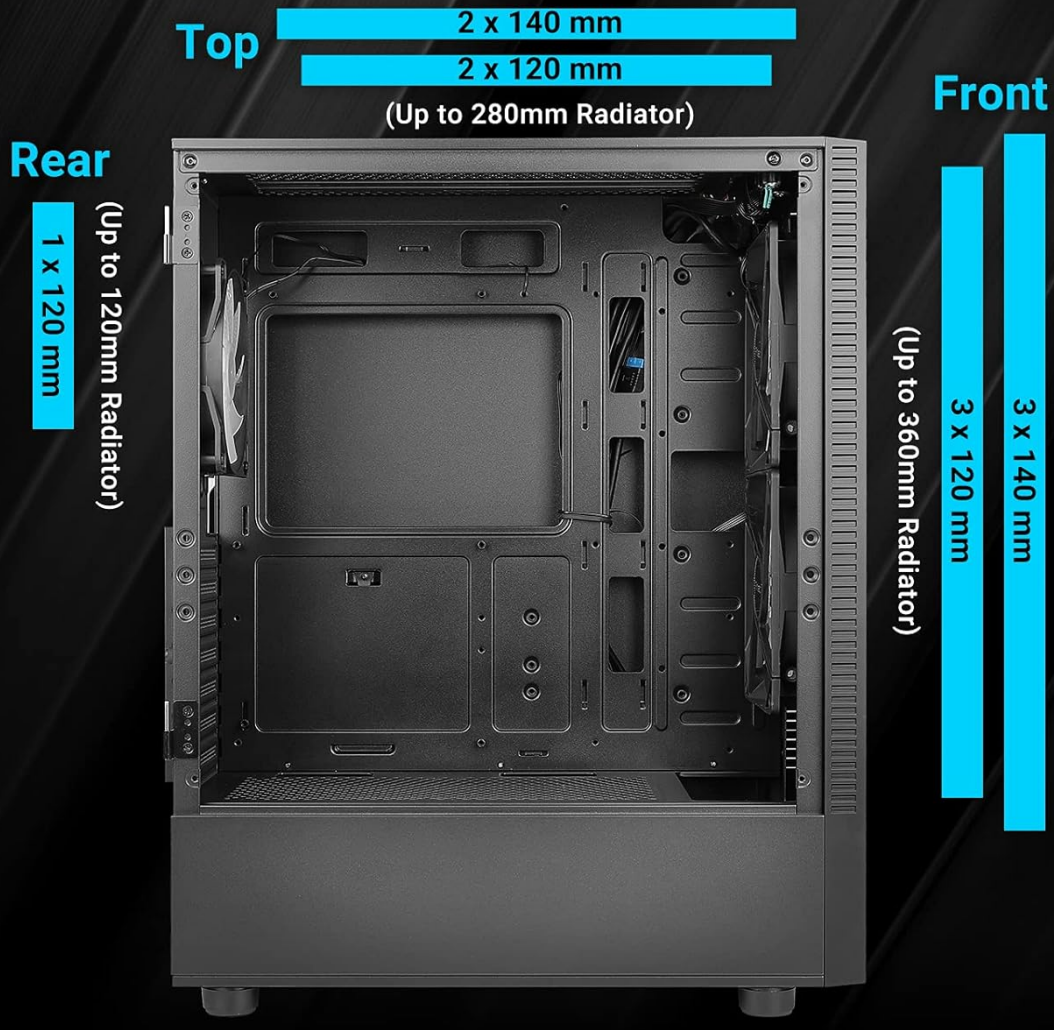


Figure 4.2: LED Control Button

## 5. MAINTENANCE

### 5.1 Cleaning Dust Filters

The Antec NX410 features a fine mesh front panel and a magnetic dust filter on the top panel to prevent dust buildup. Regularly remove and clean these filters to maintain optimal airflow and cooling performance.



Figure 5.1: Fine Mesh Front Panel

## 5.2 Accessing Internal Components

The tempered glass side panel is secured with a magnetic latch, allowing for tool-less access to the internal components for upgrades, cleaning, or troubleshooting. Gently pull the handle to open the panel.

## 6. TROUBLESHOOTING

- **System Not Powering On:** Ensure all power cables (24-pin ATX, 8-pin CPU, GPU PCIe) are securely connected to the motherboard, graphics card, and power supply. Verify the power supply switch is in the 'ON' position.
- **Fans Not Spinning/RGB Not Working:** Check fan connections to the motherboard or fan controller. Ensure the LED control button is pressed to cycle through modes. Refer to Figure 3.3 for proper fan wiring.
- **Overheating Issues:** Confirm all case fans are installed correctly and spinning. Clean dust filters regularly. Ensure proper thermal paste application on the CPU cooler.
- **USB Ports Not Functioning:** Verify the USB headers from the front panel are correctly connected to the motherboard.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Antec
Model Name	NX410
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, ITX

Dimensions (D x W x H)	15.35"D x 8.27"W x 19.09"H
Material	Tempered Glass, Steel
Pre-installed Fans	2 x 140mm ARGB (Front), 1 x 120mm ARGB (Rear)
Max CPU Cooler Height	168mm
Max GPU Length	335mm
Max PSU Length	165mm
Expansion Slots	7
I/O Ports	Power, LED Control Button, USB 3.0 x 1, USB 2.0 x 2, HD-AUDIO
Hard Disk Form Factor	3.5 Inches
Internal Bays Quantity	2 (3.5" HDD / 2.5" SSD Convertible), 3 (2.5" SSD)

## 8. WARRANTY AND SUPPORT

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The Antec NX410 ATX Mid-Tower Case comes with a **2-year warranty**. For technical support, troubleshooting assistance, or warranty claims, please visit the official Antec website or contact their customer service department. Keep your proof of purchase for warranty validation.

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